



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program

Childhood Blood Lead Surveillance in Maryland

Annual Report Calendar Year 2017

Number and percentage of incident and prevalent cases of

Blood Lead Level ≥ 10 $\mu\text{g/dL}$

and

Blood Lead Level 5-9 $\mu\text{g/dL}$

by age and county of residence

Supplementary Data Tables: Supplement #3

October 2018



MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Allegany County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 892 | 6 | 0.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 839 | 512 | 61.0 | | 0.0 | 2 | 0.4 | 2 | 0.4 |
| Two Years | 877 | 502 | 57.2 | 1 | 0.2 | 2 | 0.4 | 3 | 0.6 |
| Three Years | 867 | 62 | 7.2 | 1 | 1.6 | | 0.0 | 1 | 1.6 |
| Four Years | 922 | 39 | 4.2 | 1 | 2.6 | | 0.0 | 1 | 2.6 |
| Five Years | 824 | 29 | 3.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 5221 | 1150 | 22.0 | 3 | 0.3 | 4 | 0.3 | 7 | 0.6 |
| | | | | | | | | | |
| 6-17 Years | 9647 | 65 | 0.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 892 | 6 | 0.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 839 | 512 | 61.0 | | 0.0 | 11 | 2.1 | 11 | 2.1 |
| Two Years | 877 | 502 | 57.2 | 1 | 0.2 | 11 | 2.2 | 12 | 2.4 |
| Three Years | 867 | 62 | 7.2 | 4 | 6.5 | 1 | 1.6 | 5 | 8.1 |
| Four Years | 922 | 39 | 4.2 | 2 | 5.1 | 1 | 2.6 | 3 | 7.7 |
| Five Years | 824 | 29 | 3.5 | 1 | 3.4 | | 0.0 | 1 | 3.4 |
| Total | 5,221 | 1,150 | 22.0 | 8 | 0.7 | 24 | 2.1 | 32 | 2.8 |
| | | | | | | | | | |
| 6-17 Years | 9,647 | 65 | 0.7 | 1 | 1.5 | 1 | 1.5 | 2 | 3.1 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Anne Arundel County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 8789 | 518 | 5.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 8789 | 5114 | 58.2 | | 0.0 | 4 | 0.1 | 4 | 0.1 |
| Two Years | 8691 | 4257 | 49.0 | 1 | 0.0 | 3 | 0.1 | 4 | 0.1 |
| Three Years | 8610 | 876 | 10.2 | | 0.0 | 1 | 0.1 | 1 | 0.1 |
| Four Years | 8589 | 784 | 9.1 | | 0.0 | 3 | 0.4 | 3 | 0.4 |
| Five Years | 8381 | 610 | 7.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 51849 | 12159 | 23.5 | 1 | 0.0 | 11 | 0.1 | 12 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 86856 | 619 | 0.7 | | 0.0 | 1 | 0.2 | 1 | 0.2 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 8,789 | 518 | 5.9 | | 0.0 | 2 | 0.4 | 2 | 0.4 |
| One Year | 8,789 | 5,114 | 58.2 | 4 | 0.1 | 29 | 0.6 | 33 | 0.6 |
| Two Years | 8,691 | 4,257 | 49.0 | 2 | 0.0 | 7 | 0.2 | 9 | 0.2 |
| Three Years | 8,610 | 876 | 10.2 | 1 | 0.1 | 4 | 0.5 | 5 | 0.6 |
| Four Years | 8,589 | 784 | 9.1 | 3 | 0.4 | 8 | 1.0 | 11 | 1.4 |
| Five Years | 8,381 | 610 | 7.3 | 2 | 0.3 | | 0.0 | 2 | 0.3 |
| Total | 51,849 | 12,159 | 23.5 | 12 | 0.1 | 50 | 0.4 | 62 | 0.5 |
| | | | | | | | | | |
| 6-17 Years | 86,856 | 619 | 0.7 | 1 | 0.2 | 4 | 0.6 | 5 | 0.8 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Baltimore County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 12208 | 1444 | 11.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 12329 | 6838 | 55.5 | 2 | 0.0 | 19 | 0.3 | 21 | 0.3 |
| Two Years | 11991 | 6276 | 52.3 | 1 | 0.0 | 12 | 0.2 | 13 | 0.2 |
| Three Years | 12068 | 1434 | 11.9 | | 0.0 | 2 | 0.1 | 2 | 0.1 |
| Four Years | 11825 | 1224 | 10.4 | 1 | 0.1 | 1 | 0.1 | 2 | 0.2 |
| Five Years | 11801 | 913 | 7.7 | 1 | 0.1 | | 0.0 | 1 | 0.1 |
| Total | 72222 | 18129 | 25.1 | 5 | 0.0 | 34 | 0.2 | 39 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 122860 | 1616 | 1.3 | 1 | 0.1 | 2 | 0.1 | 3 | 0.2 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 12,208 | 1,444 | 11.8 | | 0.0 | 8 | 0.6 | 8 | 0.6 |
| One Year | 12,329 | 6,838 | 55.5 | 8 | 0.1 | 48 | 0.7 | 56 | 0.8 |
| Two Years | 11,991 | 6,276 | 52.3 | 12 | 0.2 | 39 | 0.6 | 51 | 0.8 |
| Three Years | 12,068 | 1,434 | 11.9 | 5 | 0.3 | 16 | 1.1 | 21 | 1.5 |
| Four Years | 11,825 | 1,224 | 10.4 | 8 | 0.7 | 10 | 0.8 | 18 | 1.5 |
| Five Years | 11,801 | 913 | 7.7 | 3 | 0.3 | 12 | 1.3 | 15 | 1.6 |
| Total | 72,222 | 18,129 | 25.1 | 36 | 0.2 | 133 | 0.7 | 169 | 0.9 |
| | | | | | | | | | |
| 6-17 Years | 122,860 | 1,616 | 1.3 | 11 | 0.7 | 23 | 1.4 | 34 | 2.1 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Baltimore City

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 11156 | 952 | 8.5 | | 0.0 | 3 | 0.3 | 3 | 0.3 |
| One Year | 10815 | 5831 | 53.9 | 8 | 0.1 | 37 | 0.6 | 45 | 0.8 |
| Two Years | 10385 | 5433 | 52.3 | 13 | 0.2 | 35 | 0.6 | 48 | 0.9 |
| Three Years | 9885 | 1995 | 20.2 | 12 | 0.6 | 11 | 0.6 | 23 | 1.2 |
| Four Years | 9517 | 1778 | 18.7 | 11 | 0.6 | 6 | 0.3 | 17 | 1.0 |
| Five Years | 9114 | 1110 | 12.2 | 4 | 0.4 | 8 | 0.7 | 12 | 1.1 |
| Total | 60872 | 17099 | 28.1 | 48 | 0.3 | 100 | 0.6 | 148 | 0.9 |
| | | | | | | | | | |
| 6-17 Years | 87779 | 2453 | 2.8 | 6 | 0.2 | 5 | 0.2 | 11 | 0.4 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 11,156 | 952 | 8.5 | | 0.0 | 23 | 2.4 | 23 | 2.4 |
| One Year | 10,815 | 5,831 | 53.9 | 12 | 0.2 | 160 | 2.7 | 172 | 2.9 |
| Two Years | 10,385 | 5,433 | 52.3 | 66 | 1.2 | 152 | 2.8 | 218 | 4.0 |
| Three Years | 9,885 | 1,995 | 20.2 | 48 | 2.4 | 56 | 2.8 | 104 | 5.2 |
| Four Years | 9,517 | 1,778 | 18.7 | 45 | 2.5 | 39 | 2.2 | 84 | 4.7 |
| Five Years | 9,114 | 1,110 | 12.2 | 32 | 2.9 | 9 | 0.8 | 41 | 3.7 |
| Total | 60,872 | 17,099 | 28.1 | 203 | 1.2 | 439 | 2.6 | 642 | 3.8 |
| | | | | | | | | | |
| 6-17 Years | 87,779 | 2,453 | 2.8 | 32 | 1.3 | 34 | 1.4 | 66 | 2.7 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Calvert County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1196 | 53 | 4.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 1207 | 430 | 35.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 1235 | 293 | 23.7 | | 0.0 | 2 | 0.7 | 2 | 0.7 |
| Three Years | 1297 | 52 | 4.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 1333 | 45 | 3.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 1436 | 36 | 2.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 7704 | 909 | 11.8 | 0 | 0.0 | 2 | 0.2 | 2 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 17548 | 40 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1,196 | 53 | 4.4 | | 0.0 | 1 | 1.9 | 1 | 1.9 |
| One Year | 1,207 | 430 | 35.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 1,235 | 293 | 23.7 | | 0.0 | 4 | 1.4 | 4 | 1.4 |
| Three Years | 1,297 | 52 | 4.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 1,333 | 45 | 3.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 1,436 | 36 | 2.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 7,704 | 909 | 11.8 | 0 | 0.0 | 5 | 0.6 | 5 | 0.6 |
| | | | | | | | | | |
| 6-17 Years | 17,548 | 40 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |

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Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Caroline County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 561 | 6 | 1.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 569 | 314 | 55.2 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| Two Years | 572 | 293 | 51.2 | | 0.0 | 3 | 1.0 | 3 | 1.0 |
| Three Years | 619 | 60 | 9.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 591 | 46 | 7.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 571 | 31 | 5.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3483 | 750 | 21.5 | 0 | 0.0 | 4 | 0.5 | 4 | 0.5 |
| | | | | | | | | | |
| 6-17 Years | 5785 | 27 | 0.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 561 | 6 | 1.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 569 | 314 | 55.2 | 2 | 0.6 | 7 | 2.2 | 9 | 2.9 |
| Two Years | 572 | 293 | 51.2 | | 0.0 | 5 | 1.7 | 5 | 1.7 |
| Three Years | 619 | 60 | 9.7 | 1 | 1.7 | 1 | 1.7 | 2 | 3.3 |
| Four Years | 591 | 46 | 7.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 571 | 31 | 5.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3,483 | 750 | 21.5 | 3 | 0.4 | 13 | 1.7 | 16 | 2.1 |
| | | | | | | | | | |
| 6-17 Years | 5,785 | 27 | 0.5 | | 0.0 | | 0.0 | 0 | 0.0 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Carroll County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2041 | 195 | 9.6 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| One Year | 2181 | 1131 | 51.9 | | 0.0 | 3 | 0.3 | 3 | 0.3 |
| Two Years | 2262 | 843 | 37.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 2354 | 147 | 6.2 | | 0.0 | 1 | 0.7 | 1 | 0.7 |
| Four Years | 2503 | 95 | 3.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 2700 | 106 | 3.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 14041 | 2517 | 17.9 | 0 | 0.0 | 5 | 0.2 | 5 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 30920 | 137 | 0.4 | | 0.0 | 1 | 0.7 | 1 | 0.7 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2,041 | 195 | 9.6 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| One Year | 2,181 | 1,131 | 51.9 | 1 | 0.1 | 7 | 0.6 | 8 | 0.7 |
| Two Years | 2,262 | 843 | 37.3 | | 0.0 | 7 | 0.8 | 7 | 0.8 |
| Three Years | 2,354 | 147 | 6.2 | | 0.0 | 1 | 0.7 | 1 | 0.7 |
| Four Years | 2,503 | 95 | 3.8 | | 0.0 | 1 | 1.1 | 1 | 1.1 |
| Five Years | 2,700 | 106 | 3.9 | | 0.0 | 1 | 0.9 | 1 | 0.9 |
| Total | 14,041 | 2,517 | 17.9 | 1 | 0.0 | 18 | 0.7 | 19 | 0.8 |
| | | | | | | | | | |
| 6-17 Years | 30,920 | 137 | 0.4 | 1 | 0.7 | | 0.0 | 1 | 0.7 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Cecil County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1587 | 194 | 12.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 1662 | 688 | 41.4 | | 0.0 | 3 | 0.4 | 3 | 0.4 |
| Two Years | 1616 | 414 | 25.6 | | 0.0 | 1 | 0.2 | 1 | 0.2 |
| Three Years | 1617 | 168 | 10.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 1594 | 191 | 12.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 1651 | 82 | 5.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 9727 | 1737 | 17.9 | 0 | 0.0 | 4 | 0.2 | 4 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 18184 | 80 | 0.4 | | 0.0 | 1 | 1.3 | 1 | 1.3 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1,587 | 194 | 12.2 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| One Year | 1,662 | 688 | 41.4 | 1 | 0.1 | 9 | 1.3 | 10 | 1.5 |
| Two Years | 1,616 | 414 | 25.6 | 1 | 0.2 | 6 | 1.4 | 7 | 1.7 |
| Three Years | 1,617 | 168 | 10.4 | | 0.0 | 1 | 0.6 | 1 | 0.6 |
| Four Years | 1,594 | 191 | 12.0 | 1 | 0.5 | 2 | 1.0 | 3 | 1.6 |
| Five Years | 1,651 | 82 | 5.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 9,727 | 1,737 | 17.9 | 3 | 0.2 | 19 | 1.1 | 22 | 1.3 |
| | | | | | | | | | |
| 6-17 Years | 18,184 | 80 | 0.4 | | 0.0 | | 0.0 | 0 | 0.0 |

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Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Charles County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2331 | 222 | 9.5 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| One Year | 2293 | 1000 | 43.6 | | 0.0 | 2 | 0.2 | 2 | 0.2 |
| Two Years | 2477 | 928 | 37.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 2351 | 227 | 9.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 2407 | 137 | 5.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 2389 | 114 | 4.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 14248 | 2628 | 18.4 | 0 | 0.0 | 3 | 0.1 | 3 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 28330 | 153 | 0.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2,331 | 222 | 9.5 | | 0.0 | 3 | 1.4 | 3 | 1.4 |
| One Year | 2,293 | 1,000 | 43.6 | | 0.0 | 9 | 0.9 | 9 | 0.9 |
| Two Years | 2,477 | 928 | 37.5 | 1 | 0.1 | 6 | 0.6 | 7 | 0.8 |
| Three Years | 2,351 | 227 | 9.7 | 1 | 0.4 | | 0.0 | 1 | 0.4 |
| Four Years | 2,407 | 137 | 5.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 2,389 | 114 | 4.8 | | 0.0 | 1 | 0.9 | 1 | 0.9 |
| Total | 14,248 | 2,628 | 18.4 | 2 | 0.1 | 19 | 0.7 | 21 | 0.8 |
| | | | | | | | | | |
| 6-17 Years | 28,330 | 153 | 0.5 | | 0.0 | 1 | 0.7 | 1 | 0.7 |

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Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Dorchester County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 529 | 7 | 1.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 511 | 280 | 54.8 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| Two Years | 516 | 233 | 45.2 | 1 | 0.4 | 2 | 0.9 | 3 | 1.3 |
| Three Years | 503 | 72 | 14.3 | 1 | 1.4 | 1 | 1.4 | 2 | 2.8 |
| Four Years | 505 | 47 | 9.3 | | 0.0 | 1 | 2.1 | 1 | 2.1 |
| Five Years | 445 | 16 | 3.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3009 | 655 | 21.8 | 2 | 0.3 | 5 | 0.8 | 7 | 1.1 |
| | | | | | | | | | |
| 6-17 Years | 4851 | 22 | 0.5 | | 0.0 | 1 | 4.5 | 1 | 4.5 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 529 | 7 | 1.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 511 | 280 | 54.8 | | 0.0 | 4 | 1.4 | 4 | 1.4 |
| Two Years | 516 | 233 | 45.2 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| Three Years | 503 | 72 | 14.3 | 1 | 1.4 | 1 | 1.4 | 2 | 2.8 |
| Four Years | 505 | 47 | 9.3 | 3 | 6.4 | 1 | 2.1 | 4 | 8.5 |
| Five Years | 445 | 16 | 3.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3,009 | 655 | 21.8 | 4 | 0.6 | 7 | 1.1 | 11 | 1.7 |
| | | | | | | | | | |
| 6-17 Years | 4,851 | 22 | 0.5 | | 0.0 | 2 | 9.1 | 2 | 9.1 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Frederick County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 3547 | 164 | 4.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 3580 | 2217 | 61.9 | | 0.0 | 5 | 0.2 | 5 | 0.2 |
| Two Years | 3791 | 1860 | 49.1 | 1 | 0.1 | 4 | 0.2 | 5 | 0.3 |
| Three Years | 3817 | 352 | 9.2 | 1 | 0.3 | 1 | 0.3 | 2 | 0.6 |
| Four Years | 3930 | 375 | 9.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 3889 | 269 | 6.9 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| Total | 22554 | 5237 | 23.2 | 2 | 0.0 | 11 | 0.2 | 13 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 42464 | 234 | 0.6 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 3,547 | 164 | 4.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 3,580 | 2,217 | 61.9 | | 0.0 | 19 | 0.9 | 19 | 0.9 |
| Two Years | 3,791 | 1,860 | 49.1 | | 0.0 | 10 | 0.5 | 10 | 0.5 |
| Three Years | 3,817 | 352 | 9.2 | | 0.0 | 6 | 1.7 | 6 | 1.7 |
| Four Years | 3,930 | 375 | 9.5 | 2 | 0.5 | | 0.0 | 2 | 0.5 |
| Five Years | 3,889 | 269 | 6.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 22,554 | 5,237 | 23.2 | 2 | 0.0 | 35 | 0.7 | 37 | 0.7 |
| | | | | | | | | | |
| 6-17 Years | 42,464 | 234 | 0.6 | 1 | 0.4 | 2 | 0.9 | 3 | 1.3 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Garrett County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 383 | 4 | 1.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 358 | 164 | 45.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 403 | 156 | 38.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 396 | 42 | 10.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 415 | 25 | 6.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 444 | 15 | 3.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 2399 | 406 | 16.9 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| 6-17 Years | 4883 | 6 | 0.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 383 | 4 | 1.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 358 | 164 | 45.8 | | 0.0 | 1 | 0.6 | 1 | 0.6 |
| Two Years | 403 | 156 | 38.7 | 1 | 0.6 | 2 | 1.3 | 3 | 1.9 |
| Three Years | 396 | 42 | 10.6 | 1 | 2.4 | | 0.0 | 1 | 2.4 |
| Four Years | 415 | 25 | 6.0 | | 0.0 | 1 | 4.0 | 1 | 4.0 |
| Five Years | 444 | 15 | 3.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 2,399 | 406 | 16.9 | 2 | 0.5 | 4 | 1.0 | 6 | 1.5 |
| | | | | | | | | | |
| 6-17 Years | 4,883 | 6 | 0.1 | | 0.0 | | 0.0 | 0 | 0.0 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Harford County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 3609 | 554 | 15.4 | | 0.0 | 2 | 0.4 | 2 | 0.4 |
| One Year | 3718 | 1772 | 47.7 | | 0.0 | 2 | 0.1 | 2 | 0.1 |
| Two Years | 3737 | 1570 | 42.0 | 1 | 0.1 | | 0.0 | 1 | 0.1 |
| Three Years | 3867 | 350 | 9.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 3891 | 335 | 8.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 3863 | 250 | 6.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 22685 | 4831 | 21.3 | 1 | 0.0 | 4 | 0.1 | 5 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 43723 | 268 | 0.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 3,609 | 554 | 15.4 | | 0.0 | 11 | 2.0 | 11 | 2.0 |
| One Year | 3,718 | 1,772 | 47.7 | | 0.0 | 18 | 1.0 | 18 | 1.0 |
| Two Years | 3,737 | 1,570 | 42.0 | 1 | 0.1 | 14 | 0.9 | 15 | 1.0 |
| Three Years | 3,867 | 350 | 9.1 | | 0.0 | 5 | 1.4 | 5 | 1.4 |
| Four Years | 3,891 | 335 | 8.6 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| Five Years | 3,863 | 250 | 6.5 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| Total | 22,685 | 4,831 | 21.3 | 1 | 0.0 | 50 | 1.0 | 51 | 1.1 |
| | | | | | | | | | |
| 6-17 Years | 43,723 | 268 | 0.6 | | 0.0 | 3 | 1.1 | 3 | 1.1 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Howard County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 4169 | 375 | 9.0 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| One Year | 4209 | 2338 | 55.5 | 1 | 0.0 | 6 | 0.3 | 7 | 0.3 |
| Two Years | 4449 | 1890 | 42.5 | | 0.0 | 3 | 0.2 | 3 | 0.2 |
| Three Years | 4447 | 419 | 9.4 | | 0.0 | 1 | 0.2 | 1 | 0.2 |
| Four Years | 4536 | 367 | 8.1 | 1 | 0.3 | | 0.0 | 1 | 0.3 |
| Five Years | 4757 | 289 | 6.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 26567 | 5678 | 21.4 | 2 | 0.0 | 11 | 0.2 | 13 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 55199 | 372 | 0.7 | 1 | 0.3 | 1 | 0.3 | 2 | 0.5 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 4,169 | 375 | 9.0 | | 0.0 | 3 | 0.8 | 3 | 0.8 |
| One Year | 4,209 | 2,338 | 55.5 | 3 | 0.1 | 19 | 0.8 | 22 | 0.9 |
| Two Years | 4,449 | 1,890 | 42.5 | 2 | 0.1 | 7 | 0.4 | 9 | 0.5 |
| Three Years | 4,447 | 419 | 9.4 | 3 | 0.7 | 3 | 0.7 | 6 | 1.4 |
| Four Years | 4,536 | 367 | 8.1 | 2 | 0.5 | 2 | 0.5 | 4 | 1.1 |
| Five Years | 4,757 | 289 | 6.1 | | 0.0 | 2 | 0.7 | 2 | 0.7 |
| Total | 26,567 | 5,678 | 21.4 | 10 | 0.2 | 36 | 0.6 | 46 | 0.8 |
| | | | | | | | | | |
| 6-17 Years | 55,199 | 372 | 0.7 | 2 | 0.5 | 7 | 1.9 | 9 | 2.4 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Kent County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 256 | 8 | 3.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 258 | 93 | 36.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 239 | 69 | 28.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 254 | 14 | 5.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 249 | 15 | 6.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 260 | 4 | 1.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 1516 | 203 | 13.4 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| 6-17 Years | 2438 | 6 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 256 | 8 | 3.1 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 258 | 93 | 36.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 239 | 69 | 28.9 | | 0.0 | 2 | 2.9 | 2 | 2.9 |
| Three Years | 254 | 14 | 5.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 249 | 15 | 6.0 | | 0.0 | 1 | 6.7 | 1 | 6.7 |
| Five Years | 260 | 4 | 1.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 1,516 | 203 | 13.4 | 0 | 0.0 | 3 | 1.5 | 3 | 1.5 |
| | | | | | | | | | |
| 6-17 Years | 2,438 | 6 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Montgomery County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 15946 | 3592 | 22.5 | | 0.0 | 8 | 0.2 | 8 | 0.2 |
| One Year | 16061 | 8255 | 51.4 | 1 | 0.0 | 10 | 0.1 | 11 | 0.1 |
| Two Years | 16111 | 8037 | 49.9 | 2 | 0.0 | 5 | 0.1 | 7 | 0.1 |
| Three Years | 15793 | 1801 | 11.4 | 1 | 0.1 | 3 | 0.2 | 4 | 0.2 |
| Four Years | 16168 | 2286 | 14.1 | | 0.0 | 2 | 0.1 | 2 | 0.1 |
| Five Years | 15767 | 1623 | 10.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 95846 | 25594 | 26.7 | 4 | 0.0 | 28 | 0.1 | 32 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 162658 | 2023 | 1.2 | | 0.0 | 4 | 0.2 | 4 | 0.2 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 15,946 | 3,592 | 22.5 | | 0.0 | 22 | 0.6 | 22 | 0.6 |
| One Year | 16,061 | 8,255 | 51.4 | 6 | 0.1 | 55 | 0.7 | 61 | 0.7 |
| Two Years | 16,111 | 8,037 | 49.9 | 6 | 0.1 | 28 | 0.3 | 34 | 0.4 |
| Three Years | 15,793 | 1,801 | 11.4 | 4 | 0.2 | 8 | 0.4 | 12 | 0.7 |
| Four Years | 16,168 | 2,286 | 14.1 | 2 | 0.1 | 12 | 0.5 | 14 | 0.6 |
| Five Years | 15,767 | 1,623 | 10.3 | 4 | 0.2 | 12 | 0.7 | 16 | 1.0 |
| Total | 95,846 | 25,594 | 26.7 | 22 | 0.1 | 137 | 0.5 | 159 | 0.6 |
| | | | | | | | | | |
| 6-17 Years | 162,658 | 2,023 | 1.2 | 9 | 0.4 | 18 | 0.9 | 27 | 1.3 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Prince George's County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 15369 | 2187 | 14.2 | | 0.0 | 8 | 0.4 | 8 | 0.4 |
| One Year | 14935 | 7115 | 47.6 | 3 | 0.0 | 22 | 0.3 | 25 | 0.4 |
| Two Years | 14638 | 6388 | 43.6 | 5 | 0.1 | 17 | 0.3 | 22 | 0.3 |
| Three Years | 14634 | 2351 | 16.1 | 1 | 0.0 | 10 | 0.4 | 11 | 0.5 |
| Four Years | 14042 | 2672 | 19.0 | 1 | 0.0 | 6 | 0.2 | 7 | 0.3 |
| Five Years | 13671 | 2041 | 14.9 | 1 | 0.0 | 3 | 0.1 | 4 | 0.2 |
| Total | 87289 | 22754 | 26.1 | 11 | 0.0 | 66 | 0.3 | 77 | 0.3 |
| 6-17 Years | 140569 | 2827 | 2.0 | 4 | 0.1 | 17 | 0.6 | 21 | 0.7 |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 15,369 | 2,187 | 14.2 | | 0.0 | 24 | 1.1 | 24 | 1.1 |
| One Year | 14,935 | 7,115 | 47.6 | 2 | 0.0 | 62 | 0.9 | 64 | 0.9 |
| Two Years | 14,638 | 6,388 | 43.6 | 8 | 0.1 | 57 | 0.9 | 65 | 1.0 |
| Three Years | 14,634 | 2,351 | 16.1 | 8 | 0.3 | 31 | 1.3 | 39 | 1.7 |
| Four Years | 14,042 | 2,672 | 19.0 | 3 | 0.1 | 28 | 1.0 | 31 | 1.2 |
| Five Years | 13,671 | 2,041 | 14.9 | 7 | 0.3 | 24 | 1.2 | 31 | 1.5 |
| Total | 87,289 | 22,754 | 26.1 | 28 | 0.1 | 226 | 1.0 | 254 | 1.1 |
| 6-17 Years | 140,569 | 2,827 | 2.0 | 9 | 0.3 | 89 | 3.1 | 98 | 3.5 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Queen Anne's County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 675 | 15 | 2.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 663 | 313 | 47.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 666 | 290 | 43.5 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| Three Years | 692 | 52 | 7.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 715 | 42 | 5.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 753 | 24 | 3.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 4164 | 736 | 17.7 | 0 | 0.0 | 1 | 0.1 | 1 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 8359 | 20 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 675 | 15 | 2.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 663 | 313 | 47.2 | | 0.0 | 5 | 1.6 | 5 | 1.6 |
| Two Years | 666 | 290 | 43.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 692 | 52 | 7.5 | 1 | 1.9 | | 0.0 | 1 | 1.9 |
| Four Years | 715 | 42 | 5.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 753 | 24 | 3.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 4,164 | 736 | 17.7 | 1 | 0.1 | 5 | 0.7 | 6 | 0.8 |
| | | | | | | | | | |
| 6-17 Years | 8,359 | 20 | 0.2 | | 0.0 | | 0.0 | 0 | 0.0 |

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MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Saint Mary's County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1880 | 86 | 4.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 1870 | 796 | 42.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 1869 | 455 | 24.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 1978 | 83 | 4.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 1930 | 73 | 3.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 1889 | 37 | 2.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 11416 | 1530 | 13.4 | 0 | 0.0 | 0 | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| 6-17 Years | 19173 | 55 | 0.3 | 1 | 1.8 | | 0.0 | 1 | 1.8 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1,880 | 86 | 4.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 1,870 | 796 | 42.6 | 2 | 0.3 | 3 | 0.4 | 5 | 0.6 |
| Two Years | 1,869 | 455 | 24.3 | | 0.0 | 3 | 0.7 | 3 | 0.7 |
| Three Years | 1,978 | 83 | 4.2 | 2 | 2.4 | | 0.0 | 2 | 2.4 |
| Four Years | 1,930 | 73 | 3.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 1,889 | 37 | 2.0 | | 0.0 | 1 | 2.7 | 1 | 2.7 |
| Total | 11,416 | 1,530 | 13.4 | 4 | 0.3 | 7 | 0.5 | 11 | 0.7 |
| | | | | | | | | | |
| 6-17 Years | 19,173 | 55 | 0.3 | | 0.0 | 2 | 3.6 | 2 | 3.6 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Somerset County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 327 | 6 | 1.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 325 | 198 | 60.9 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| Two Years | 344 | 177 | 51.5 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 297 | 38 | 12.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 317 | 21 | 6.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 301 | 4 | 1.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 1911 | 444 | 23.2 | 0 | 0.0 | 1 | 0.2 | 1 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 3053 | 22 | 0.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 327 | 6 | 1.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 325 | 198 | 60.9 | | 0.0 | 1 | 0.5 | 1 | 0.5 |
| Two Years | 344 | 177 | 51.5 | 1 | 0.6 | 1 | 0.6 | 2 | 1.1 |
| Three Years | 297 | 38 | 12.8 | | 0.0 | 1 | 2.6 | 1 | 2.6 |
| Four Years | 317 | 21 | 6.6 | 1 | 4.8 | | 0.0 | 1 | 4.8 |
| Five Years | 301 | 4 | 1.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 1,911 | 444 | 23.2 | 2 | 0.5 | 3 | 0.7 | 5 | 1.1 |
| | | | | | | | | | |
| 6-17 Years | 3,053 | 22 | 0.7 | | 0.0 | | 0.0 | 0 | 0.0 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Talbot County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 428 | 4 | 0.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 503 | 285 | 56.7 | 1 | 0.4 | 1 | 0.4 | 2 | 0.7 |
| Two Years | 500 | 262 | 52.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Three Years | 446 | 40 | 9.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 466 | 37 | 7.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 509 | 19 | 3.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 2852 | 647 | 22.7 | 1 | 0.2 | 1 | 0.2 | 2 | 0.3 |
| 6-17 Years | 5265 | 23 | 0.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 428 | 4 | 0.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 503 | 285 | 56.7 | 1 | 0.4 | 4 | 1.4 | 5 | 1.8 |
| Two Years | 500 | 262 | 52.4 | | 0.0 | 2 | 0.8 | 2 | 0.8 |
| Three Years | 446 | 40 | 9.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 466 | 37 | 7.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 509 | 19 | 3.7 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 2,852 | 647 | 22.7 | 1 | 0.2 | 6 | 0.9 | 7 | 1.1 |
| 6-17 Years | 5,265 | 23 | 0.4 | 1 | 4.3 | | 0.0 | 1 | 4.3 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Washington County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2213 | 36 | 1.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 2212 | 1019 | 46.1 | | 0.0 | 1 | 0.1 | 1 | 0.1 |
| Two Years | 2309 | 941 | 40.8 | | 0.0 | 1 | 0.1 | 1 | 0.1 |
| Three Years | 2366 | 278 | 11.7 | | 0.0 | 2 | 0.7 | 2 | 0.7 |
| Four Years | 2210 | 313 | 14.2 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| Five Years | 2333 | 228 | 9.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 13643 | 2815 | 20.6 | 0 | 0.0 | 5 | 0.2 | 5 | 0.2 |
| | | | | | | | | | |
| 6-17 Years | 23756 | 106 | 0.4 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 2,213 | 36 | 1.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 2,212 | 1,019 | 46.1 | | 0.0 | 16 | 1.6 | 16 | 1.6 |
| Two Years | 2,309 | 941 | 40.8 | 3 | 0.3 | 12 | 1.3 | 15 | 1.6 |
| Three Years | 2,366 | 278 | 11.7 | | 0.0 | 1 | 0.4 | 1 | 0.4 |
| Four Years | 2,210 | 313 | 14.2 | 1 | 0.3 | 4 | 1.3 | 5 | 1.6 |
| Five Years | 2,333 | 228 | 9.8 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 13,643 | 2,815 | 20.6 | 4 | 0.1 | 33 | 1.2 | 37 | 1.3 |
| | | | | | | | | | |
| 6-17 Years | 23,756 | 106 | 0.4 | 3 | 2.8 | 1 | 0.9 | 4 | 3.8 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Wicomico County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1571 | 47 | 3.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 1591 | 943 | 59.3 | | 0.0 | 1 | 0.1 | 1 | 0.1 |
| Two Years | 1542 | 852 | 55.3 | 2 | 0.2 | 2 | 0.2 | 4 | 0.5 |
| Three Years | 1612 | 228 | 14.1 | 1 | 0.4 | | 0.0 | 1 | 0.4 |
| Four Years | 1410 | 140 | 9.9 | | 0.0 | 1 | 0.7 | 1 | 0.7 |
| Five Years | 1500 | 75 | 5.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 9226 | 2285 | 24.8 | 3 | 0.1 | 4 | 0.2 | 7 | 0.3 |
| | | | | | | | | | |
| 6-17 Years | 15268 | 148 | 1.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 1,571 | 47 | 3.0 | | 0.0 | 1 | 2.1 | 1 | 2.1 |
| One Year | 1,591 | 943 | 59.3 | 3 | 0.3 | 7 | 0.7 | 10 | 1.1 |
| Two Years | 1,542 | 852 | 55.3 | 1 | 0.1 | 5 | 0.6 | 6 | 0.7 |
| Three Years | 1,612 | 228 | 14.1 | 1 | 0.4 | 3 | 1.3 | 4 | 1.8 |
| Four Years | 1,410 | 140 | 9.9 | 1 | 0.7 | 1 | 0.7 | 2 | 1.4 |
| Five Years | 1,500 | 75 | 5.0 | 2 | 2.7 | 1 | 1.3 | 3 | 4.0 |
| Total | 9,226 | 2,285 | 24.8 | 8 | 0.4 | 18 | 0.8 | 26 | 1.1 |
| | | | | | | | | | |
| 6-17 Years | 15,268 | 148 | 1.0 | | 0.0 | 1 | 0.7 | 1 | 0.7 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Worcester County

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 582 | 23 | 4.0 | | 0.0 | | 0.0 | 0 | 0.0 |
| One Year | 592 | 392 | 66.2 | | 0.0 | | 0.0 | 0 | 0.0 |
| Two Years | 581 | 344 | 59.2 | | 0.0 | 1 | 0.3 | 1 | 0.3 |
| Three Years | 580 | 77 | 13.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Four Years | 591 | 55 | 9.3 | | 0.0 | | 0.0 | 0 | 0.0 |
| Five Years | 561 | 33 | 5.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3487 | 924 | 26.5 | 0 | 0.0 | 1 | 0.1 | 1 | 0.1 |
| | | | | | | | | | |
| 6-17 Years | 6848 | 39 | 0.6 | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 582 | 23 | 4.0 | | 0.0 | 2 | 8.7 | 2 | 8.7 |
| One Year | 592 | 392 | 66.2 | | 0.0 | 5 | 1.3 | 5 | 1.3 |
| Two Years | 581 | 344 | 59.2 | 3 | 0.9 | 1 | 0.3 | 4 | 1.2 |
| Three Years | 580 | 77 | 13.3 | | 0.0 | 3 | 3.9 | 3 | 3.9 |
| Four Years | 591 | 55 | 9.3 | | 0.0 | 1 | 1.8 | 1 | 1.8 |
| Five Years | 561 | 33 | 5.9 | | 0.0 | | 0.0 | 0 | 0.0 |
| Total | 3,487 | 924 | 26.5 | 3 | 0.3 | 12 | 1.3 | 15 | 1.6 |
| | | | | | | | | | |
| 6-17 Years | 6,848 | 39 | 0.6 | | 0.0 | | 0.0 | 0 | 0.0 |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

County Unknown

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | | 1 | | | | | | 0 | |
| One Year | | 7 | | | | | | 0 | |
| Two Years | | 5 | | | | | | 0 | |
| Three Years | | 1 | | | | | | 0 | |
| Four Years | | 1 | | | | | | 0 | |
| Five Years | | 1 | | | | | | 0 | |
| Total | | 16 | | 0 | | 0 | | 0 | |
| | | | | | | | | | |
| 6-17 Years | | 6 | | | 0.0 | | 0.0 | 0 | 0.0 |
| | | | | | | | | | |
| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | | 1 | | | | | | 0 | |
| One Year | | 7 | | | | | | 0 | |
| Two Years | | 5 | | | | | | 0 | |
| Three Years | | 1 | | | | | | 0 | |
| Four Years | | 1 | | | | | | 0 | |
| Five Years | | 1 | | | | | | 0 | |
| Total | | 16 | | | | | | 0 | |
| | | | | | | | | | |
| 6-17 Years | | 6 | | | | 1 | | 1 | |

Refer to page 27 for terms and definitions

MARYLAND DEPARTMENT OF THE ENVIRONMENT

Lead Poisoning Prevention Program: Childhood Lead Registry

Number and percentage of incident and prevalent cases of blood lead level ≥ 10 $\mu\text{g/dL}$ and Blood Lead Level 5-9 $\mu\text{g/dL}$ by age and county of residence
(Annual Report 2017)

Statewide

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level ≥ 10 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 92245 | 10699 | 11.6 | | 0.0 | 24 | 0.2 | 24 | 0.2 |
| One Year | 92070 | 48045 | 52.2 | 16 | 0.0 | 121 | 0.3 | 137 | 0.3 |
| Two Years | 91801 | 42768 | 46.6 | 28 | 0.1 | 94 | 0.2 | 122 | 0.3 |
| Three Years | 91350 | 11219 | 12.3 | 18 | 0.2 | 33 | 0.3 | 51 | 0.5 |
| Four Years | 90656 | 11143 | 12.3 | 15 | 0.1 | 21 | 0.2 | 36 | 0.3 |
| Five Years | 89809 | 7959 | 8.9 | 6 | 0.1 | 12 | 0.2 | 18 | 0.2 |
| Total | 547931 | 131833 | 24.1 | 83 | 0.1 | 305 | 0.2 | 388 | 0.3 |
| 6-17 Years | 946416 | 11367 | 1.2 | 13 | 0.1 | 34 | 0.3 | 47 | 0.4 |

| Age Group | Population of Children | Children Tested | | Children with Blood Lead Level 5-9 $\mu\text{g/dL}$ | | | | | |
|-------------|------------------------|-----------------|---------|---|---------|----------------------|---------|-------------------------|---------|
| | | | | Old Cases | | New (Incident) Cases | | Total (Prevalent) Cases | |
| | | Number | Percent | Number | Percent | Number | Percent | Number | Percent |
| Under One | 92,245 | 10,699 | 11.6 | | 0.0 | 102 | 1.0 | 102 | 1.0 |
| One Year | 92,070 | 48,045 | 52.2 | 45 | 0.1 | 499 | 1.0 | 544 | 1.1 |
| Two Years | 91,801 | 42,768 | 46.6 | 109 | 0.3 | 382 | 0.9 | 491 | 1.1 |
| Three Years | 91,350 | 11,219 | 12.3 | 81 | 0.7 | 142 | 1.3 | 223 | 2.0 |
| Four Years | 90,656 | 11,143 | 12.3 | 74 | 0.7 | 113 | 1.0 | 187 | 1.7 |
| Five Years | 89,809 | 7,959 | 8.9 | 51 | 0.6 | 64 | 0.8 | 115 | 1.4 |
| Total | 547,931 | 131,833 | 24.1 | 360 | 0.3 | 1,302 | 1.0 | 1,662 | 1.3 |
| 6-17 Years | 946,416 | 11,367 | 1.2 | 71 | 0.6 | 189 | 1.7 | 260 | 2.3 |

Terms and definitions:

1. County assignment in the order of available address information is based on census tract or zip code of the address.
2. Population of children was projected from Maryland census population 2010, provided by the Maryland Data Center, Maryland Department of Planning, www.planning.maryland.gov/msdc. Because of inherent problems with projection, the projected population may not correspond to the number of children tested. In such cases, the percentages are removed and replaced with an asterisk“*”.
3. Old cases are based on the number of children who have had a blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or blood lead test of 5-9 $\mu\text{g/dL}$ in 2016 and had at least one such blood lead test in the past.
4. New cases (Incidence) is based on the number of children with the very first blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or blood lead level of 5-9 $\mu\text{g/dL}$ in 2017. These children either may have not been tested for lead in the past or all their previous blood lead tests was below 10 $\mu\text{g/dL}$, or below 5 $\mu\text{g/dL}$.
5. Prevalence is the number of children with at least one blood lead test with blood lead level ≥ 10 $\mu\text{g/dL}$ or 5-9 $\mu\text{g/dL}$ in 2017.
6. The selection of blood lead test is based on the highest blood lead level in 2017. If a child had multiple blood lead tests some in 5-9 $\mu\text{g/dL}$ range and some ≥ 10 $\mu\text{g/dL}$, the child was counted in the ≥ 10 category only.
7. Percentages are rounded to the first decimal point. As such the sum of breakdown percentages may not equal total percentage.